



The QSK23 is an in-line 6 cylinder engine with a 23 litre displacement. This Quantum series utilizes sophisticated electronics and premium engineering to provide outstanding performance levels, reliability and versatility for Standby, Prime and Continuous Power applications.

Output Rating

	Standby Rating		Prime Rating	
	kVA	kW	kVA	kW
50HZ	900	720	810	648
60HZ	1000	800	909	727

Engine Technical Data

QSK23 G3

Emergency Standby Power (ESP):

Applicable for supplying power to varying electrical load for the duration of power interruption of a reliable utility source. Emergency Standby Power (ESP) is in accordance with ISO 8528. Fuel Stop power in accordance with ISO 3046, AS 2789, DIN 6271 and BS 5514.

Limited-Time Running Power (LTP):

Applicable for supplying power to a constant electrical load for limited hours. Limited-Time Running Power (LTP) is in accordance with ISO 8528.

Prime Power (PRP):

Applicable for supplying power to varying electrical load for unlimited hours. Prime Power (PRP) is in accordance with ISO 8528. Ten percent overload capability is available in accordance with ISO 3046, AS 2789, DIN 6271 and BS 5514.

Base Load (Continuous) Power (COP):

Applicable for supplying power continuously to a constant electrical load for unlimited hours. Continuous Power (COP) in accordance with ISO 8528, ISO 3046, AS 2789, DIN6271 and BS 5514.

Design	4 cycle, Turbo Charged
Bore	170 mm
Stroke	170 mm
Displacement	23.1 liter
Cylinder Block	Cast iron, 6 cylinder
Fuel System	Direct injection Cummins HPI
Starting Voltage	24 volt
Air Cleaner Type	Dry replaceable element with restriction indicator
Lube Oil Filter Type(s)	Spin on full flow filter
Cooling System Design	Air - Air Charge Cooled

Alternator Technical Data

HCI634H

Stator Winding	Double Layer Lap
Winding Leads	6
Winding Pitch	Two Thirds
Voltage Regulation	0.5%
Control System	Separately Exited BY P.M.G.
Insulation System	Class H
EBS Stator Resistance	17 Ohms at 22°C

Dimension

Open Set	Enclosed	
4570 mm	5806 mm	L
2080 mm	2554 mm	H
1502 mm	2272 mm	W

